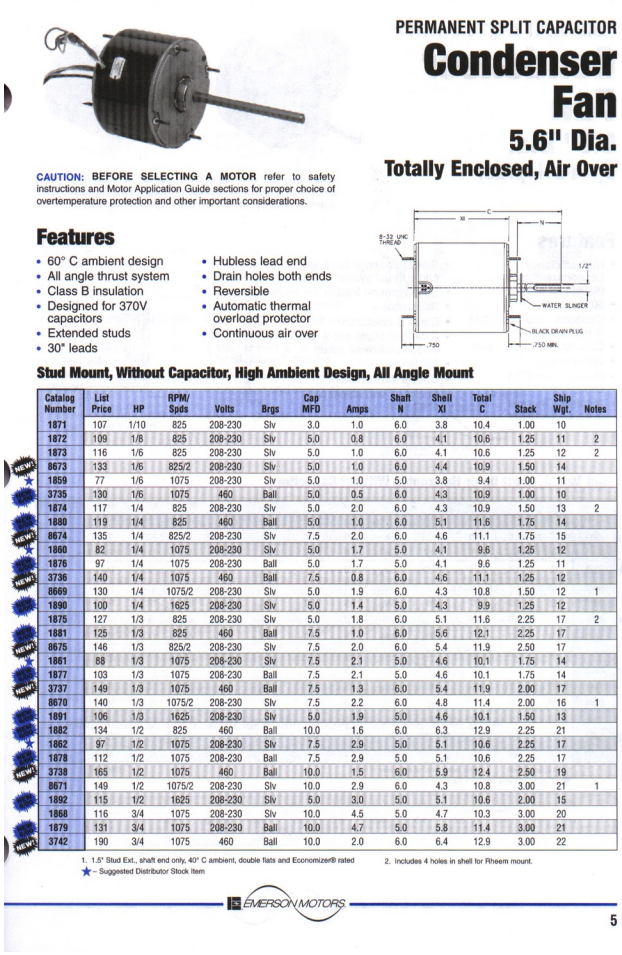
Emerson Motors Catalog Overview

Product Catalog Continued



PERMANENT SPLIT CAPACITOR

Condenser Fan

5.6" Dia.

Totally Enclosed, Air Over

CAUTION: BEFORE SELECTING A MOTOR refer to safety instructions and Motor Application Guide sections for proper choice of overtemperature protection and other important considerations.

Features

- 60° C ambient design
- All angle thrust system
- Class B insulation
- Designed for 370V capacitors
- Extended studs
- 30° leads
- Hubless lead end
- Drain holes both ends
- Reversible
- Automatic thermal overload protector
- Continuous air over

Stud Mount, Without Capacitor, High Ambient Design, All Angle Mount

Catalog Number	List Price	HP	RPM/ Spds	Volts	Brgs	Cap MFD	Amps	Shaft N	Shell XI	Total C	Stack	Ship Wgt.	Notes
1871	107	1/10	825	208-230	Slv	3.0	1.0	6.0	3.8	10.4	1.00	10	
1872	109	1/8	825	208-230	Slv	5.0	0.8	6.0	4.1	10.6	1.25	11	2
1873	116	1/6	825	208-230	Slv	5.0	1.0	6.0	4.1	10.6	1.25	12	2
8673	133	1/6	825/2	208-230	Slv	5.0	1.0	6.0	4.4	10.9	1.50	14	
★ 1859	77	1/6	1075	208-230	Slv	5.0	1.0	5.0	3.8	9.4	1.00	11	
3735	130	1/6	1075	460	Ball	5.0	0.5	6.0	4.3	10.9	1.00	10	
1874	117	1/4	825	208-230	Slv	5.0	2.0	6.0	4.3	10.9	1.50	13	2
1880	119	1/4	825	460	Ball	5.0	1.0	6.0	5.1	11.6	1.75	14	
8674	135	1/4	825/2	208-230	Slv	7.5	2.0	6.0	4.6	11.1	1.75	15	
★ 1860	82	1/4	1075	208-230	Slv	5.0	1.7	5.0	4.1	9.6	1.25	12	
1876	97	1/4	1075	208-230	Ball	5.0	1.7	5.0	4.1	9.6	1.25	11	
3736	140	1/4	1075	460	Ball	7.5	0.8	6.0	4.6	11.1	1.25	12	
8669	130	1/4	1075/2	208-230	Slv	5.0	1.9	6.0	4.3	10.8	1.50	12	1
1890	100	1/4	1625	208-230	Slv	5.0	1.4	5.0	4.3	9.9	1.25	12	
1875	127	1/3	825	208-230	Slv	5.0	1.8	6.0	5.1	11.6	2.25	17	2
1881	125	1/3	825	460	Ball	7.5	1.0	6.0	5.6	12.1	2.25	17	
8675	146	1/3	825/2	208-230	Slv	7.5	2.0	6.0	5.4	11.9	2.50	17	
★ 1861	88	1/3	1075	208-230	Slv	7.5	2.1	5.0	4.6	10.1	1.75	14	
1877	103	1/3	1075	208-230	Ball	7.5	2.1	5.0	4.6	10.1	1.75	14	
3737	149	1/3	1075	460	Ball	7.5	1.3	6.0	5.4	11.9	2.00	17	
8670	140	1/3	1075/2	208-230	Slv	7.5	2.2	6.0	4.8	11.4	2.00	16	1
1891	106	1/3	1625	208-230	Slv	5.0	1.9	5.0	4.6	10.1	1.50	13	
1882	134	1/2	825	460	Ball	10.0	1.6	6.0	6.3	12.9	2.25	21	
★ 1862	97	1/2	1075	208-230	Slv	7.5	2.9	5.0	5.1	10.6	2.25	17	
1878	112	1/2	1075	208-230	Ball	7.5	2.9	5.0	5.1	10.6	2.25	17	
3738	165	1/2	1075	460	Ball	10.0	1.5	6.0	5.9	12.4	2.50	19	
8671	149	1/2	1075/2	208-230	Slv	10.0	2.9	6.0	4.3	10.8	3.00	21	1
1892	115	1/2	1625	208-230	Slv	5.0	3.0	5.0	5.1	10.6	2.00	15	
1868	116	3/4	1075	208-230	Slv	10.0	4.5	5.0	4.7	10.3	3.00	20	
1879	131	3/4	1075	208-230	Ball	10.0	4.7	5.0	5.8	11.4	3.00	21	
3742	190	3/4	1075	460	Ball	10.0	2.0	6.0	6.4	12.9	3.00	22	

1. 1.5" Stud Ext., shaft end only, 40° C ambient, double flats and Economizer® rated
2. Includes 4 holes in shell for Rheem mount.

★ – Suggested Distributor Stock Item

EMERSON MOTORS

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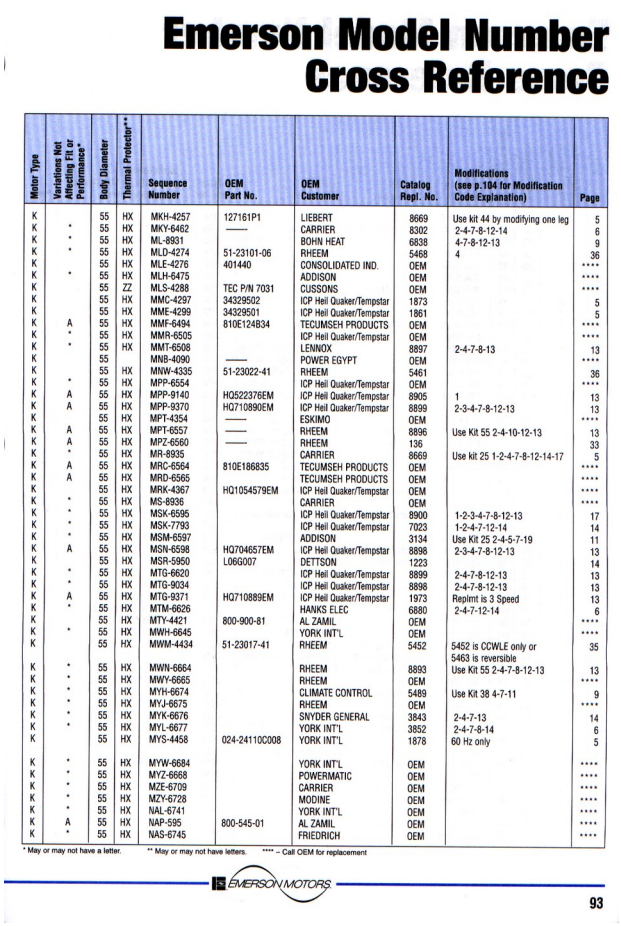
- Product Listing by Application
- Type of motor noted
- Single phase unless noted
- Sorted by:
  - Horsepower (HP)
  - Speed (RPM)
  - Volts
- Does not include OEM Directs
  - Starts on page 28
  - Sorted by OEM Name

EMERSON™
Climate Technologies

Emerson Model Number Cross Ref.



Emerson Model Number Cross Reference

Motor Type	Variations Not Affecting Fit or Performance*	Body Diameter	Thermal Protector**	Sequence Number	OEM Part No.	OEM Customer	Catalog Repl. No.	Modifications (see p.104 for Modification Code Explanation)	Page
K		55	HX	MKH-4257	127161P1	LIEBERT	8669	Use kit 44 by modifying one leg	5
K	*	55	HX	MKY-6462	——	CARRIER	8302	2-4-7-8-12-14	6
K	*	55	HX	ML-8931		BOHN HEAT	6838	4-7-8-12-13	9
K	*	55	HX	MLD-4274	51-23101-06	RHEEM	5468	4	36
K		55	HX	MLE-4276	401440	CONSOLIDATED IND.	OEM		****
K	*	55	HX	MLH-6475		ADDISON	OEM		****
K		55	ZZ	MLS-4288	TEC P/N 7031	CUSSONS	OEM		****
K		55	HX	MMC-4297	34329502	ICP Heil Quaker/Tempstar	1873		5
K		55	HX	MME-4299	34329501	ICP Heil Quaker/Tempstar	1861		5
K	A	55	HX	MMF-6494	810E124B34	TECUMSEH PRODUCTS	OEM		****
K	*	55	HX	MMR-6505		ICP Heil Quaker/Tempstar	OEM		****
K	*	55	HX	MMT-6508		LENNOX	8897	2-4-7-8-13	13
K		55		MNB-4090	——	POWER EGYPT	OEM		****
K		55	HX	MNW-4335	51-23022-41	RHEEM	5461		36
K	*	55	HX	MPP-6554		ICP Heil Quaker/Tempstar	OEM		****
K	A	55	HX	MPP-9140	HQ522376EM	ICP Heil Quaker/Tempstar	8905	1	13
K	A	55	HX	MPP-9370	HQ710890EM	ICP Heil Quaker/Tempstar	8899	2-3-4-7-8-12-13	13
K		55	HX	MPT-4354	——	ESKIMO	OEM		****
K	A	55	HX	MPT-6557	——	RHEEM	8896	Use Kit 55 2-4-10-12-13	13
K	A	55	HX	MPZ-6560	——	RHEEM	136		33
K	*	55	HX	MR-8935		CARRIER	8669	Use kit 25 1-2-4-7-8-12-14-17	5
K	A	55	HX	MRC-6564	810E186835	TECUMSEH PRODUCTS	OEM		****
K	A	55	HX	MRD-6565		TECUMSEH PRODUCTS	OEM		****
K		55	HX	MRK-4367	HQ1054579EM	ICP Heil Quaker/Tempstar	OEM		****
K	*	55	HX	MS-8936		CARRIER	OEM		****
K	*	55	HX	MSK-6595		ICP Heil Quaker/Tempstar	8900	1-2-3-4-7-8-12-13	17
K	*	55	HX	MSK-7793		ICP Heil Quaker/Tempstar	7023	1-2-4-7-12-14	14
K	*	55	HX	MSM-6597		ADDISON	3134	Use Kit 25 2-4-5-7-19	11
K	A	55	HX	MSN-6598	HQ704657EM	ICP Heil Quaker/Tempstar	8898	2-3-4-7-8-12-13	13
K		55	HX	MSR-5950	L06G007	DETTSON	1223		14
K	*	55	HX	MTG-6620		ICP Heil Quaker/Tempstar	8899	2-4-7-8-12-13	13
K	*	55	HX	MTG-9034		ICP Heil Quaker/Tempstar	8898	2-4-7-8-12-13	13
K	A	55	HX	MTG-9371	HQ710889EM	ICP Heil Quaker/Tempstar	1973	Replmt is 3 Speed	13
K	*	55	HX	MTM-6626		HANKS ELEC	6880	2-4-7-12-14	6
K		55	HX	MTY-4421	800-900-81	AL ZAMIL	OEM		****
K	*	55	HX	MWH-6645		YORK INT'L	OEM		****
K		55	HX	MWM-4434	51-23017-41	RHEEM	5452	5452 is CCWLE only or 5463 is reversible	35
K	*	55	HX	MWN-6664		RHEEM	8893	Use Kit 55 2-4-7-8-12-13	13
K	*	55	HX	MWY-6665		RHEEM	OEM		****
K	*	55	HX	MYH-6674		CLIMATE CONTROL	5489	Use Kit 38 4-7-11	9
K	*	55	HX	MYJ-6675		RHEEM	OEM		****
K	*	55	HX	MYK-6676		SNYDER GENERAL	3843	2-4-7-13	14
K	*	55	HX	MYL-6677		YORK INT'L	3852	2-4-7-8-14	6
K		55	HX	MYS-4458	024-24110C008	YORK INT'L	1878	60 Hz only	5
K	*	55	HX	MYW-6684		YORK INT'L	OEM		****
K	*	55	HX	MYZ-6668		POWERMATIC	OEM		****
K	*	55	HX	MZE-6709		CARRIER	OEM		****
K	*	55	HX	MZY-6728		MODINE	OEM		****
K	*	55	HX	NAL-6741		YORK INT'L	OEM		****
K	A	55	HX	NAP-595	800-545-01	AL ZAMIL	OEM		****
K	*	55	HX	NAS-6745		FRIEDRICH	OEM		****

* May or may not have a letter. ** May or may not have letters. **** – Call OEM for replacement

EMERSON MOTORS

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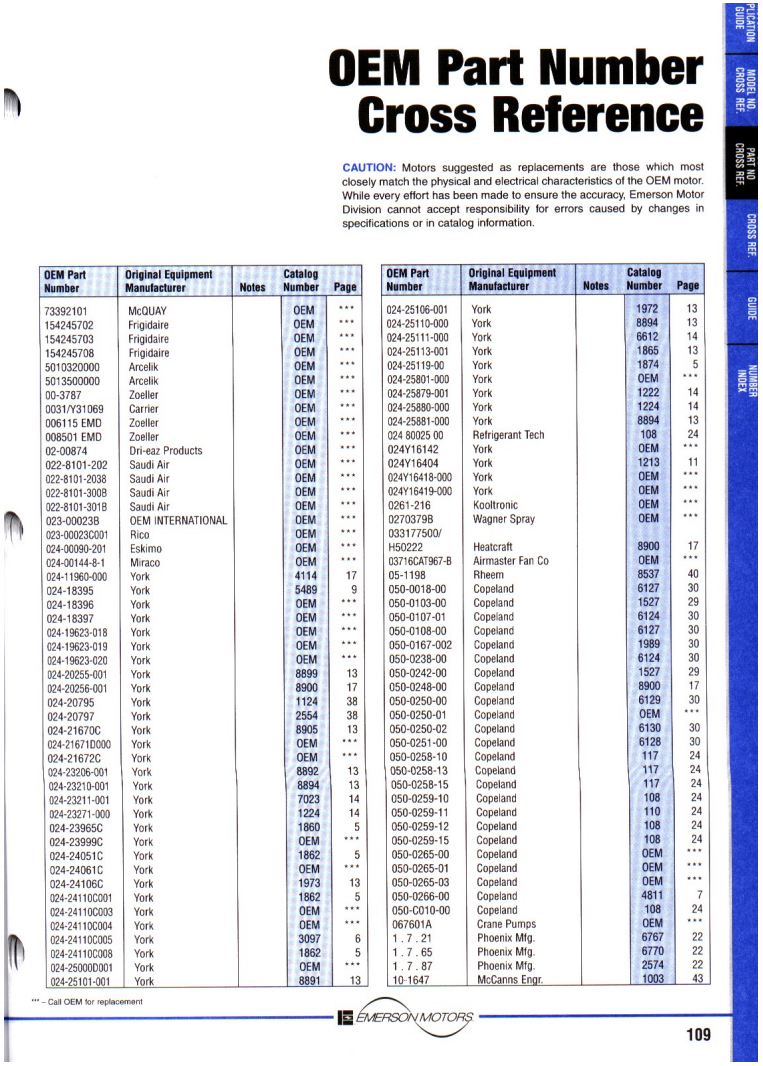
- Starts on page 77
- Over 2200 high volume ratings
- Alpha-Numeric Sort
  - Motor Type (C, F,K, etc.)
  - Sequence Number
- Shows:
  - OEM Name & Part #
  - Suggested replacement and page number where it exists

Note: Modification Codes are on Page 119

EMERSON Climate Technologies

Emerson OEM Part # Cross Ref.



OEM Part Number Cross Reference

CAUTION: Motors suggested as replacements are those which most closely match the physical and electrical characteristics of the OEM motor. While every effort has been made to ensure the accuracy, Emerson Motor Division cannot accept responsibility for errors caused by changes in specifications or in catalog information.

OEM Part Number	Original Equipment Manufacturer	Notes	Catalog Number	Page
73392101	McQUAY		OEM	***
154245702	Frigidaire		OEM	***
154245703	Frigidaire		OEM	***
154245708	Frigidaire		OEM	***
5010320000	Arcelik		OEM	***
5013500000	Arcelik		OEM	***
00-3787	Zoeller		OEM	***
0031/Y31069	Carrier		OEM	***
006115 EMD	Zoeller		OEM	***
008501 EMD	Zoeller		OEM	***
02-00874	Dri-eaz Products		OEM	***
022-8101-202	Saudi Air		OEM	***
022-8101-2038	Saudi Air		OEM	***
022-8101-3008	Saudi Air		OEM	***
022-8101-3018	Saudi Air		OEM	***
023-000238	OEM INTERNATIONAL		OEM	***
023-00023C001	Rico		OEM	***
024-00090-201	Eskimo		OEM	***
024-00144-8-1	Miraco		OEM	***
024-11960-000	York		4114	17
024-18395	York		5489	9
024-18396	York		OEM	***
024-18397	York		OEM	***
024-19623-018	York		OEM	***
024-19623-019	York		OEM	***
024-19623-020	York		OEM	***
024-20255-001	York		8899	13
024-20256-001	York		8900	17
024-20795	York		1124	38
024-20797	York		2554	38
024-21670C	York		8905	13
024-21671D000	York		OEM	***
024-21672C	York		OEM	***
024-23206-001	York		8892	13
024-23210-001	York		8894	13
024-23211-001	York		7023	14
024-23271-000	York		1224	14
024-23965C	York		1860	5
024-23999C	York		OEM	***
024-24051C	York		1862	5
024-24061C	York		OEM	***
024-24106C	York		1973	13
024-24110C001	York		1862	5
024-24110C003	York		OEM	***
024-24110C004	York		OEM	***
024-24110C005	York		3097	6
024-24110C008	York		1862	5
024-25000D001	York		OEM	***
024-25101-001	York		8891	13
024-25106-001	York		1972	13
024-25110-000	York		8894	13
024-25111-000	York		6612	14
024-25113-001	York		1865	13
024-25119-00	York		1874	5
024-25801-000	York		OEM	***
024-25879-001	York		1222	14
024-25880-000	York		1224	14
024-25881-000	York		8894	13
024 80025 00	Refrigerant Tech		108	24
024Y16142	York		OEM	***
024Y16404	York		1213	11
024Y16418-000	York		OEM	***
024Y16419-000	York		OEM	***
0261-216	Kooltronic		OEM	***
02703798	Wagner Spray		OEM	***
033177500/ H50222	Heatcraft		8900	17
03716CAT967-B	Airmaster Fan Co		OEM	***
05-1198	Rheem		8537	40
050-0018-00	Copeland		6127	30
050-0103-00	Copeland		1527	29
050-0107-01	Copeland		6124	30
050-0108-00	Copeland		6127	30
050-0167-002	Copeland		1989	30
050-0238-00	Copeland		6124	30
050-0242-00	Copeland		1527	29
050-0248-00	Copeland		8900	17
050-0250-00	Copeland		6129	30
050-0250-01	Copeland		OEM	***
050-0250-02	Copeland		6130	30
050-0251-00	Copeland		6128	30
050-0258-10	Copeland		117	24
050-0258-13	Copeland		117	24
050-0258-15	Copeland		117	24
050-0259-10	Copeland		108	24
050-0259-11	Copeland		110	24
050-0259-12	Copeland		108	24
050-0259-15	Copeland		108	24
050-0265-00	Copeland		OEM	***
050-0265-01	Copeland		OEM	***
050-0265-03	Copeland		OEM	***
050-0266-00	Copeland		4811	7
050-C010-00	Copeland		108	24
067601A	Crane Pumps		OEM	***
1 . 7 . 21	Phoenix Mfg.		6767	22
1 . 7 . 65	Phoenix Mfg.		6770	22
1 . 7 . 87	Phoenix Mfg.		2574	22
10-1647	McCanns Engr.		1003	43

*** – Call OEM for replacement

EMERSON MOTORS

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APPLICATION GUIDE | MODEL NO. CROSS REF. | PART NO. CROSS REF. | CROSS REF. | GUIDE | NUMBER INDEX

- Over 2200 high volume ratings
- Numeric Sort of OEM #
- Shows:
  - OEM Name & Part #
  - Suggested replacement and page number where it exists

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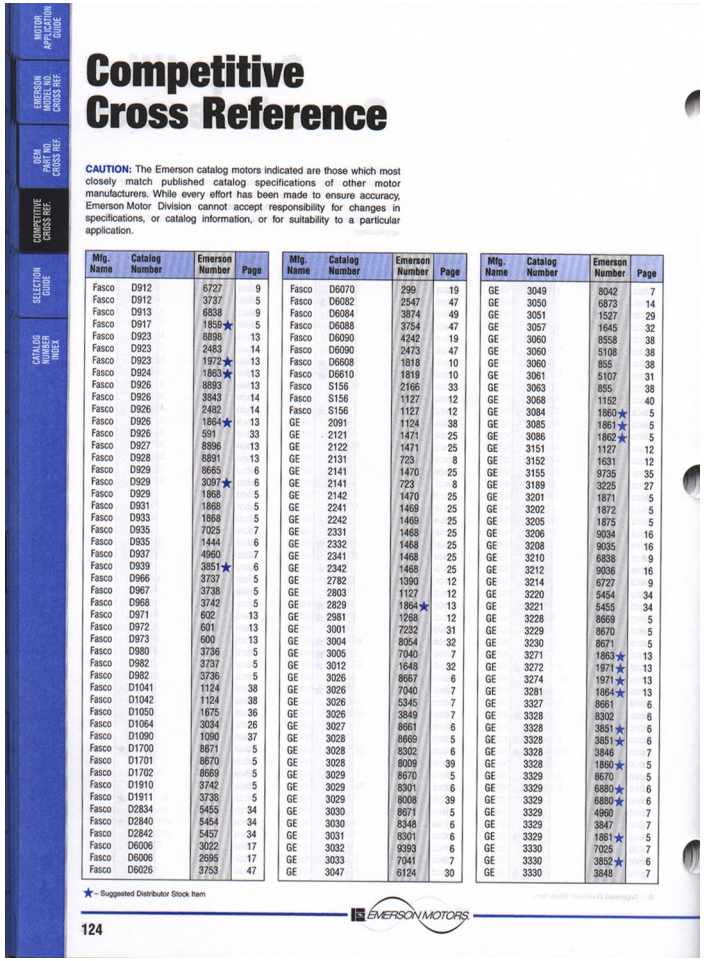
Emerson Competitive Cross Ref.



MOTOR APPLICATION GUIDE | EMERSON MODEL NO. CROSS REF. | OEM PART NO. CROSS REF. | COMPETITIVE CROSS REF. | SELECTION GUIDE | CATALOG NUMBER INDEX

Competitive Cross Reference

CAUTION: The Emerson catalog motors indicated are those which most closely match published catalog specifications of other motor manufacturers. While every effort has been made to ensure accuracy, Emerson Motor Division cannot accept responsibility for changes in specifications, or catalog information, or for suitability to a particular application.

Mfg. Name	Catalog Number	Emerson Number	Page
Fasco	D912	6727	9
Fasco	D912	3737	5
Fasco	D913	6838	9
Fasco	D917	1859★	5
Fasco	D923	8898	13
Fasco	D923	2483	14
Fasco	D923	1972★	13
Fasco	D924	1863★	13
Fasco	D926	8893	13
Fasco	D926	3843	14
Fasco	D926	2482	14
Fasco	D926	1864★	13
Fasco	D926	591	33
Fasco	D927	8896	13
Fasco	D928	8891	13
Fasco	D929	8665	6
Fasco	D929	3097★	6
Fasco	D929	1868	5
Fasco	D931	1868	5
Fasco	D933	1868	5
Fasco	D935	7025	7
Fasco	D935	1444	6
Fasco	D937	4960	7
Fasco	D939	3851★	6
Fasco	D966	3737	5
Fasco	D967	3738	5
Fasco	D968	3742	5
Fasco	D971	602	13
Fasco	D972	601	13
Fasco	D973	600	13
Fasco	D980	3736	5
Fasco	D982	3737	5
Fasco	D982	3736	5
Fasco	D1041	1124	38
Fasco	D1042	1124	38
Fasco	D1050	1675	36
Fasco	D1064	3034	26
Fasco	D1090	1090	37
Fasco	D1700	8671	5
Fasco	D1701	8670	5
Fasco	D1702	8669	5
Fasco	D1910	3742	5
Fasco	D1911	3736	5
Fasco	D2834	5455	34
Fasco	D2840	5454	34
Fasco	D2842	5457	34
Fasco	D6006	3022	17
Fasco	D6006	2695	17
Fasco	D6026	3753	47
Fasco	D6070	299	19
Fasco	D6082	2547	47
Fasco	D6084	3874	49
Fasco	D6088	3754	47
Fasco	D6090	4242	19
Fasco	D6090	2473	47
Fasco	D6608	1818	10
Fasco	D6610	1819	10
Fasco	S156	2166	33
Fasco	S156	1127	12
Fasco	S156	1127	12
GE	2091	1124	38
GE	2121	1471	25
GE	2122	1471	25
GE	2131	723	8
GE	2141	1470	25
GE	2141	723	8
GE	2142	1470	25
GE	2241	1469	25
GE	2242	1469	25
GE	2331	1468	25
GE	2332	1468	25
GE	2341	1468	25
GE	2342	1468	25
GE	2782	1390	12
GE	2803	1127	12
GE	2829	1864★	13
GE	2981	1268	12
GE	3001	7232	31
GE	3004	8054	32
GE	3005	7040	7
GE	3012	1648	32
GE	3026	8667	6
GE	3026	7040	7
GE	3026	5345	7
GE	3026	3849	7
GE	3027	8661	6
GE	3028	8669	5
GE	3028	8302	6
GE	3028	8009	39
GE	3029	8670	5
GE	3029	8301	6
GE	3029	8008	39
GE	3030	8671	5
GE	3030	8348	6
GE	3031	8301	6
GE	3032	9393	6
GE	3033	7041	7
GE	3047	6124	30
GE	3049	8042	7
GE	3050	6873	14
GE	3051	1527	29
GE	3057	1645	32
GE	3060	8558	38
GE	3060	5108	38
GE	3060	855	38
GE	3061	5107	31
GE	3063	855	38
GE	3068	1152	40
GE	3084	1860★	5
GE	3085	1861★	5
GE	3086	1862★	5
GE	3151	1127	12
GE	3152	1631	12
GE	3155	9735	35
GE	3189	3225	27
GE	3201	1871	5
GE	3202	1872	5
GE	3205	1875	5
GE	3206	9034	16
GE	3208	9035	16
GE	3210	6838	9
GE	3212	9036	16
GE	3214	6727	9
GE	3220	5454	34
GE	3221	5455	34
GE	3228	8669	5
GE	3229	8670	5
GE	3230	8671	5
GE	3271	1863★	13
GE	3272	1971★	13
GE	3274	1971★	13
GE	3281	1864★	13
GE	3327	8661	6
GE	3328	8302	6
GE	3328	3851★	6
GE	3328	3851★	6
GE	3328	3846	7
GE	3328	1860★	5
GE	3329	8670	5
GE	3329	6880★	6
GE	3329	6880★	6
GE	3329	4960	7
GE	3329	3847	7
GE	3329	1861★	5
GE	3330	7025	7
GE	3330	3852★	6
GE	3330	3848	7

★ – Suggested Distributor Stock Item

EMERSON MOTORS

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- Over 3000 part numbers
- Alpha - Numeric Sort
  - 1st Competitor Name
  - 2nd Part Number
- Shows:
  - Emerson Cat. # to replace competitor's motor
  - Sometimes there are multiple choices with extra speeds or higher efficiency.

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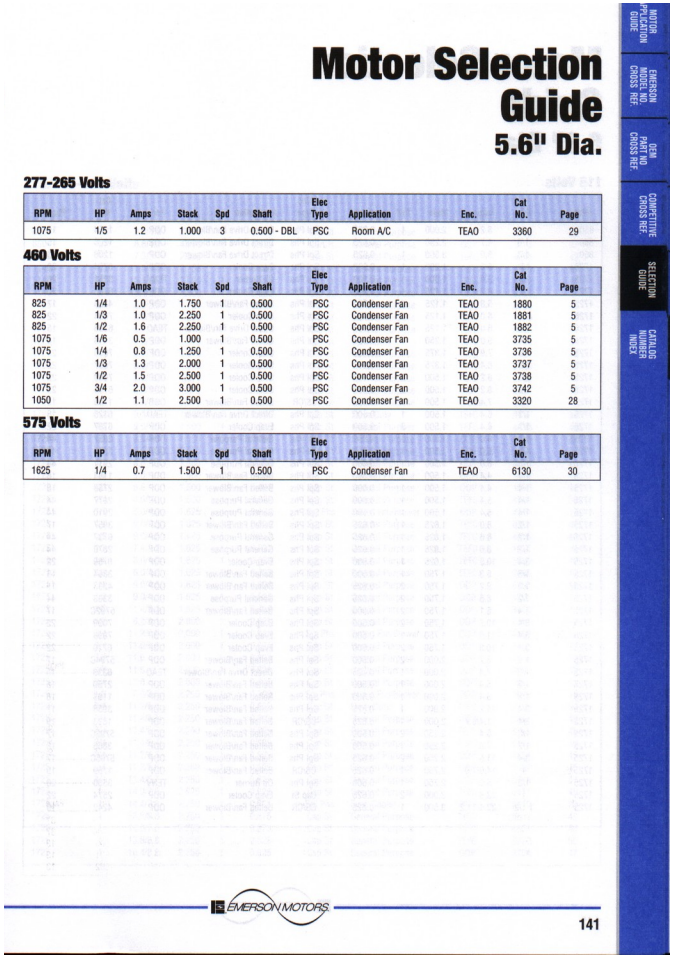
Motor Selection Guide



Motor Selection Guide
5.6" Dia.

277-265 Volts

RPM	HP	Amps	Stack	Spd	Shaft	Elec Type	Application	Enc.	Cat No.	Page
1075	1/5	1.2	1.000	3	0.500 - DBL	PSC	Room A/C	TEAO	3360	29

460 Volts

RPM	HP	Amps	Stack	Spd	Shaft	Elec Type	Application	Enc.	Cat No.	Page
825	1/4	1.0	1.750	1	0.500	PSC	Condenser Fan	TEAO	1880	5
825	1/3	1.0	2.250	1	0.500	PSC	Condenser Fan	TEAO	1881	5
825	1/2	1.6	2.250	1	0.500	PSC	Condenser Fan	TEAO	1882	5
1075	1/6	0.5	1.000	1	0.500	PSC	Condenser Fan	TEAO	3735	5
1075	1/4	0.8	1.250	1	0.500	PSC	Condenser Fan	TEAO	3736	5
1075	1/3	1.3	2.000	1	0.500	PSC	Condenser Fan	TEAO	3737	5
1075	1/2	1.5	2.500	1	0.500	PSC	Condenser Fan	TEAO	3738	5
1075	3/4	2.0	3.000	1	0.500	PSC	Condenser Fan	TEAO	3742	5
1050	1/2	1.1	2.500	1	0.500	PSC	Condenser Fan	TEAO	3320	28

575 Volts

RPM	HP	Amps	Stack	Spd	Shaft	Elec Type	Application	Enc.	Cat No.	Page
1625	1/4	0.7	1.500	1	0.500	PSC	Condenser Fan	TEAO	6130	30

EMERSON MOTORS

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- Used as part of replacing the “unknown soldier”
- Motors are sorted by:
  - Motor Diameter
  - Voltage
  - RPM
  - Stack
  - Following these will lead you to choices of replacements

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